

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	03-24-20	J. GARDINER


For AG

NOTES:

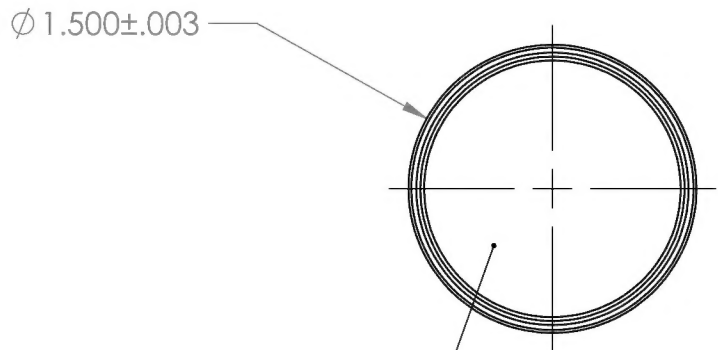
1. THE WORKING MEDIA WILL BE ANY INDIVIDUAL OR MIXTURE OF AIR, HELIUM, CARBON DIOXIDE, AND/OR NITROGEN.
2. THE OPERATING PRESSURE WILL BE 0 TO 6,000 PSIG.
3. THE OPERATING TEMPERATURE RANGE WILL BE -40° C TO 70° C.
4. THE GAUGE FACE SHALL HAVE A WHITE BACKGROUND WITH ARTWORK AS SHOWN IN FIGURE 1. A RED BAND (SIMILAR TO FED. STD. 595, #11350) SHALL EXTEND OVER THE SCALE OF THE GAUGE.
5. THE TEMPERATURE COMPENSATED CURSOR CONFIGURATION SHALL BE PER FIGURE 1. THE CURSOR'S WIDTH SHALL BE EQUAL TO ±188 PSIG AND AT 20° C THE CENTER OF THE CURSOR SHALL BE 5,000 PSIG.
6. THE PRESSURE GAUGE WILL BE ACCURATE WITHIN ±150 PSIG OVER NORMAL OPERATING PRESSURES.
7. THE PRESSURE GAUGE WILL BE DESIGNED FOR ZERO LEAKAGE UNDER ALL OPERATING CONDITIONS.
8. THE PROOF PRESSURE WILL BE 7,500 PSIG.
9. IN THE EVENT OF A RUPTURE OR LEAKAGE OF THE INTERNAL COMPONENTS, THE RELIEF DEVICE SHALL RELEASE AND NOT ALLOW A VIOLENT EXPLOSION OF THE CASE STRUCTURE.
10. MINIMUM BURST PRESSURE WILL BE 15,000 PSIG.
11. FITTING THREADS WILL BE PROTECTED BY A REMOVABLE PLASTIC CAP DURING SHIPPING.
12. PART MARK EACH GAUGE WITH A PERMANENT LABEL. THE DART AEROSPACE PART NUMBER AND CURRENT SERIAL NUMBER WILL BE INDICATED ON THE LABEL AS SHOWN BELOW:
"601.4369 S/N YYDDDX"
WHERE YY IS THE TWO DIGIT YEAR, DDD IS THE THREE DIGIT JULIAN DATE, AND XX IS A TWO DIGIT UNIT NUMBER.
13. DESIGNED TO SPEC DA189SPEC-1 REV A.
14. VENDOR: NMG AEROSPACE, VENDOR P/N: 6582862-1.

601.4369 (6582862-1)	
TEMPERATURE (°C)	PRESSURE (PSIG)
-40°C (-40°F)	3977
20°C (68°F)	5000
70°C (158°F)	5853

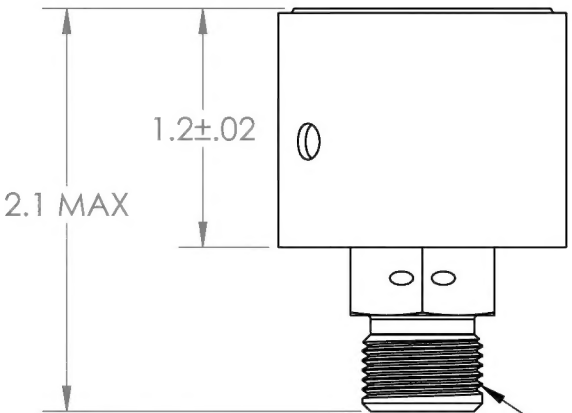
SOURCE CONTROL DRAWING

QTY		PARTS LIST			
NEXT ASSY (\$)	650.5300	ORIGINAL DATE (MO-DA-YR) 03-24-20		<div>DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE</div> <div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div>	
		DRAWN BY EC	CHECKER R. TAKAHASHI		
		DRAWING APPROVAL J. GARDINER 03-24-20			
		CONTRACT No.		THERMOMANOMETER 5KPSIG	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6
				DWG. NO. 601.4369	REV. N/C
SCALE NONE				SHEET 1 OF 2	

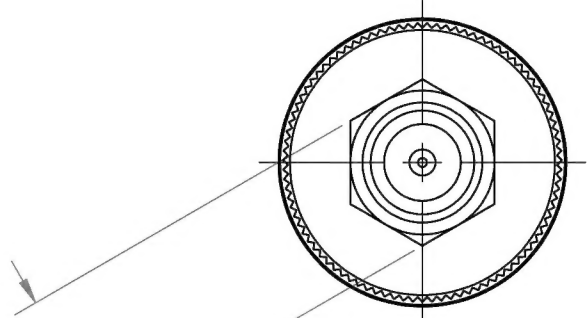
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SEE FIGURE 1:
GAUGE FACE DIAGRAM



1/2-20 UNJF - 3A



SERVICE PRESSURE DOT PAINTED BLACK
Ø.03 DOTS TO ALIGN WITHIN ±.03 AT 20°±3°C
5000 PSIG AT 20°C

SERVICE PRESSURE DOT
PAINTED BLACK IN THE MIDDLE

4813 PSIG AT 20°C

5188 PSIG AT 20°C

GREEN CURSOR

RED BAND

PRESSURE INDICATING
POINTER PAINTED ORANGE

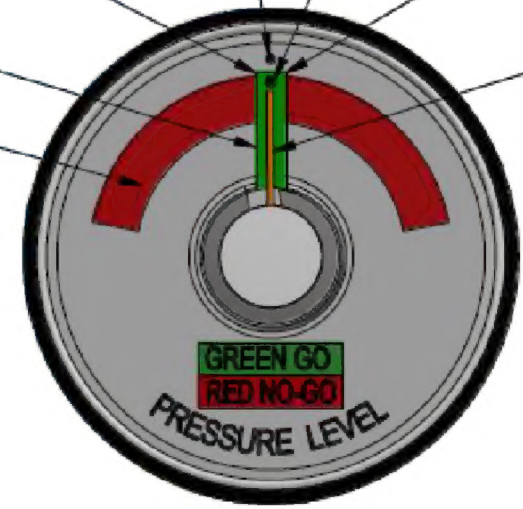


FIGURE 1: GAUGE FACE DIAGRAM

ORIGINAL DATE
(MO-DA-YR) 03-24-20
DRAWN BY EC CHECKER R. TAKAHASHI
DRAWING APPROVAL
J. GARDINER
03-24-20
CONTRACT No.

DART 3030 ENTERPRISE CT.,
AEROSPACE SUITE A
VISTA, CA. 92081
APICAL INDUSTRIES, INC. (760)-724-5300
dba DART AEROSPACE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

THERMOMANOMETER 5KPSIG

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	601.4369	N/C
SCALE NONE			SHEET 2 OF 2